

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065121.D
 Acq On : 15 Dec 2020 00:12
 Operator : JC/MD
 Sample : L5085-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TU032-32-6141-121120

Quant Time: Dec 15 06:42:57 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121420W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 15 05:41:47 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

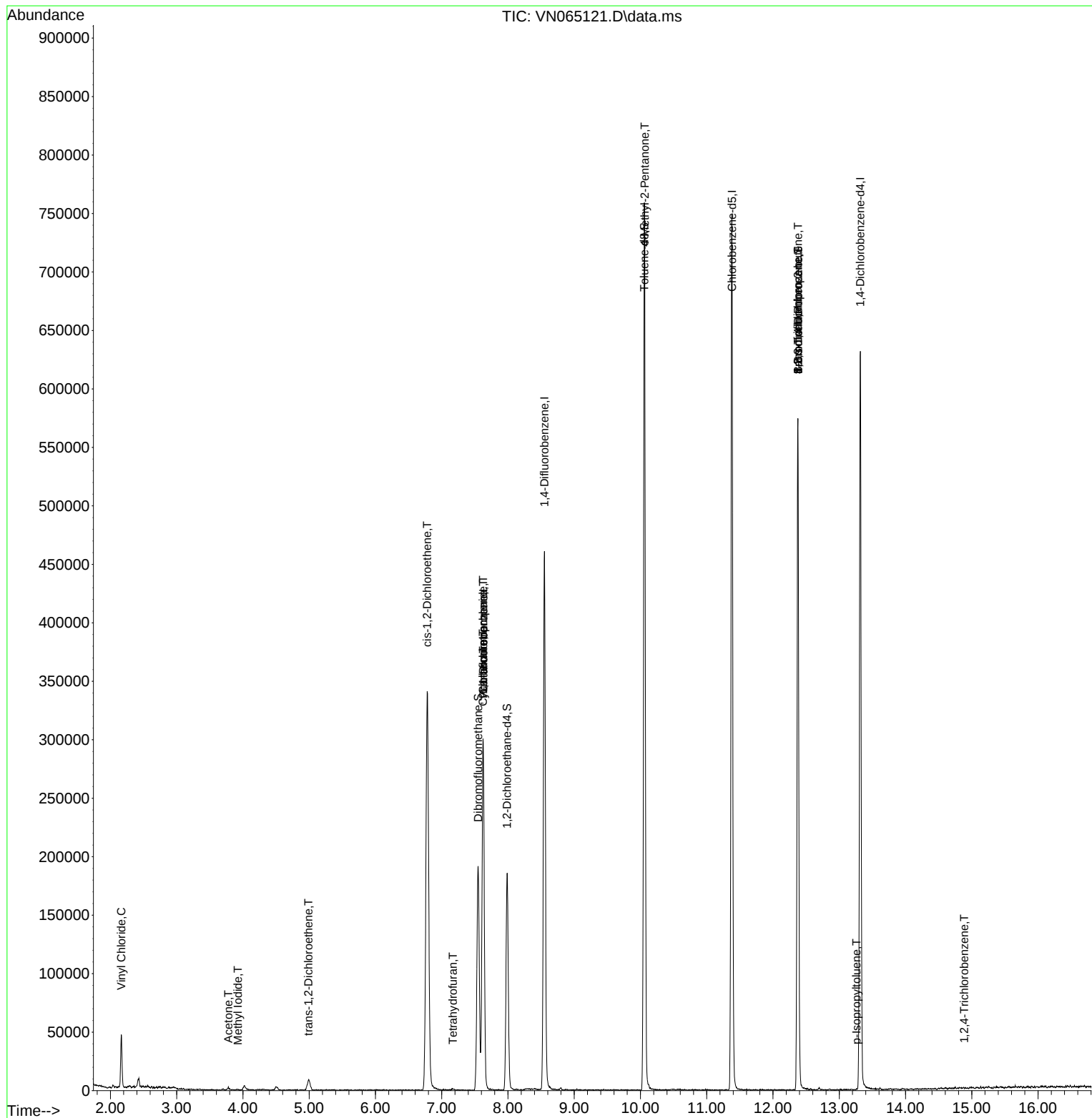
Internal Standards						
1) Pentafluorobenzene	7.627	168	253303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	422432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	442773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	183505	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	159536	54.78	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.56%			
35) Dibromofluoromethane	7.550	113	145422	49.52	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.04%			
50) Toluene-d8	10.058	98	521984	50.27	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.54%			
62) 4-Bromofluorobenzene	12.376	95	195085	54.56	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.12%			
Target Compounds					Qvalue	
3) Chloromethane	2.039	50	1739	Below Cal		98
4) Vinyl Chloride	2.164	62	37875	16.11 ug/l		97
5) Bromomethane	2.534	94	262	Below Cal	#	73
10) Methyl Iodide	3.923	142	294	4.02 ug/l	#	40
16) Acetone	3.778	43	2263	2.09 ug/l		96
20) Methylene Chloride	4.499	84	1463	Below Cal	#	70
21) trans-1,2-Dichloroethene	4.987	96	2686	1.09 ug/l	#	72
27) cis-1,2-Dichloroethene	6.782	96	234437	84.94 ug/l		90
29) Tetrahydrofuran	7.171	42	745	0.87 ug/l	#	54
31) Cyclohexane	7.621	56	5229	1.32 ug/l	#	44
36) 1,1-Dichloropropene	7.624	75	17288	4.29 ug/l	#	48
38) Carbon Tetrachloride	7.624	117	24601	5.29 ug/l	#	15
51) 4-Methyl-2-Pentanone	10.064	43	2538	0.77 ug/l	#	1
71) Bromoform	12.376	173	1156	0.41 ug/l	#	1
76) 1,2,3-Trichloropropane	12.376	75	95534	29.01 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.376	75	95534	80.73 ug/l	#	15
86) p-Isopropyltoluene	13.260	119	365	1.10 ug/l	#	51
93) 1,2,4-Trichlorobenzene	14.884	180	63	3.75 ug/l	#	12

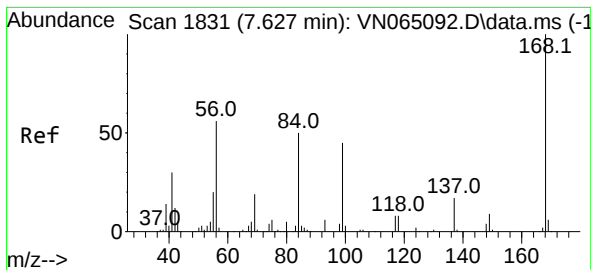
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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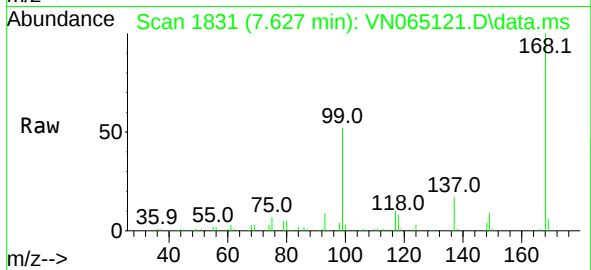
Quant Time: Dec 15 06:42:57 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121420W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 15 05:41:47 2020
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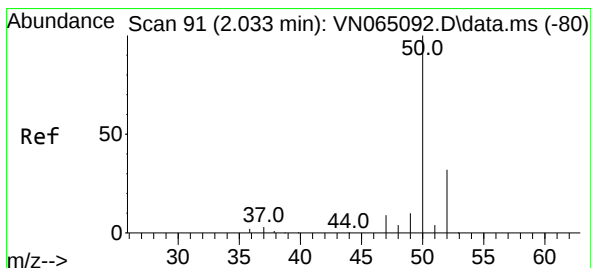
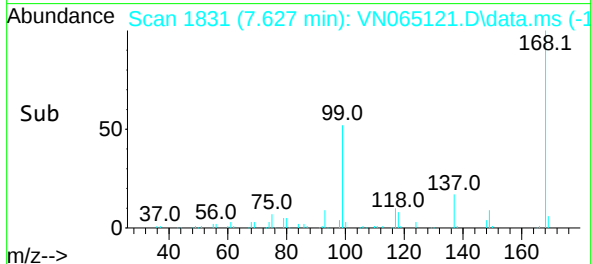
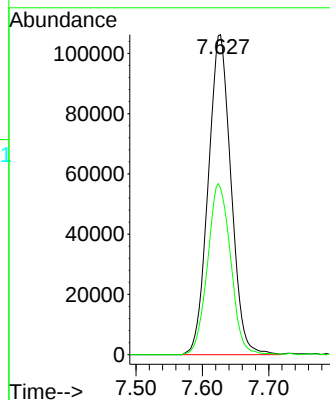


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12

Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6141-121120

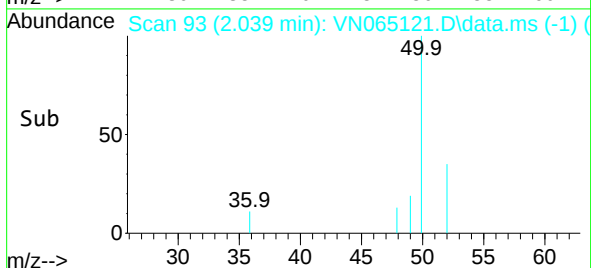
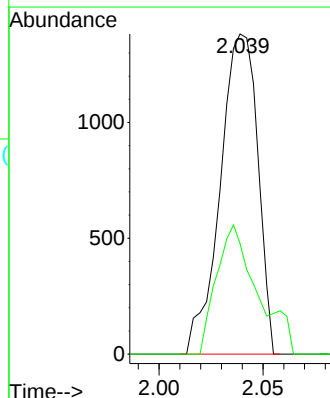
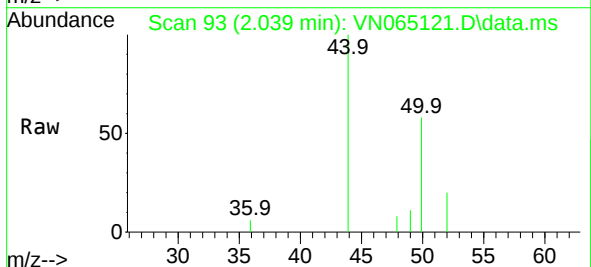


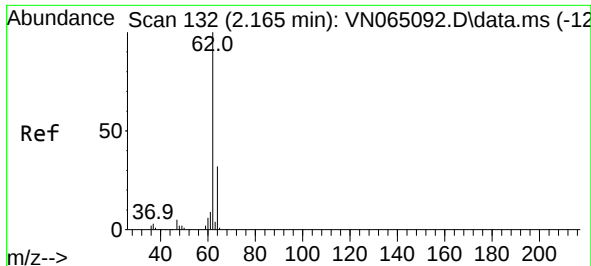
Tgt Ion:168 Resp: 253303
Ion Ratio Lower Upper
168 100
99 52.0 43.0 64.4



#3
Chloromethane
Concen: Below Cal
RT: 2.039 min Scan# 93
Delta R.T. 0.006 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12

Tgt Ion: 50 Resp: 1739
Ion Ratio Lower Upper
50 100
52 34.5 26.6 39.8

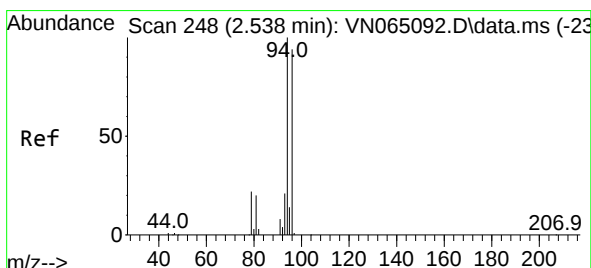
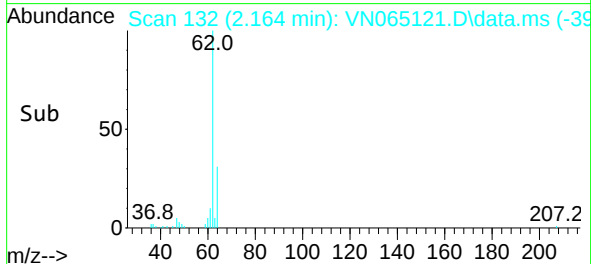
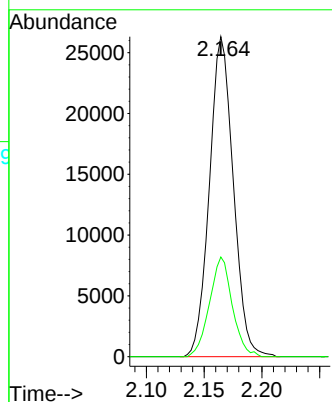
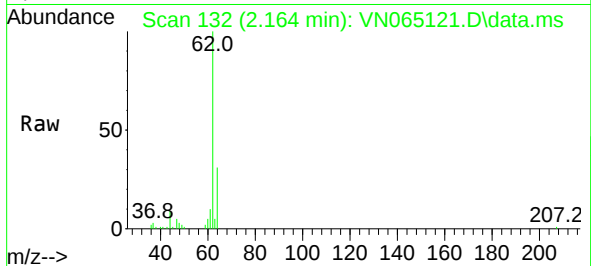




#4
 Vinyl Chloride
 Concen: 16.11 ug/l
 RT: 2.164 min Scan# 132
 Delta R.T. -0.001 min
 Lab File: VN065121.D
 Acq: 15 Dec 2020 00:12

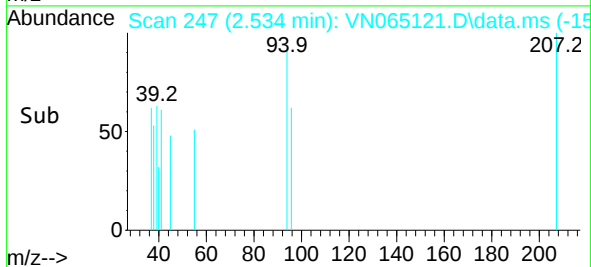
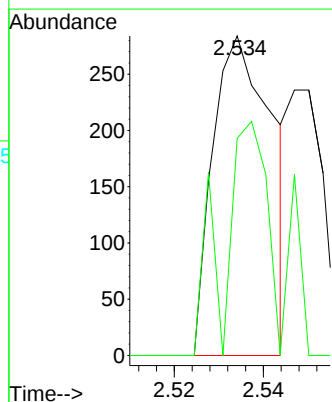
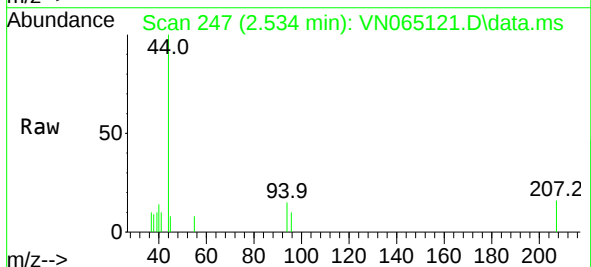
Instrument :
 MSVOA_N
 ClientSampleId :
 TU032-32-6141-121120

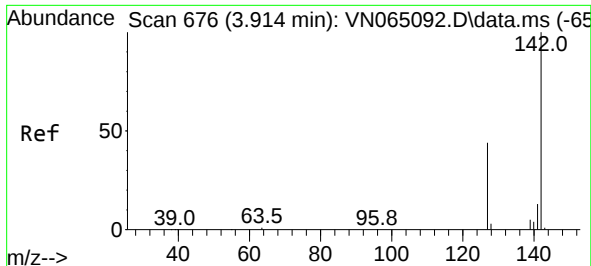
Tgt Ion: 62 Resp: 37875
 Ion Ratio Lower Upper
 62 100
 64 31.1 26.5 39.7



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.534 min Scan# 247
 Delta R.T. -0.004 min
 Lab File: VN065121.D
 Acq: 15 Dec 2020 00:12

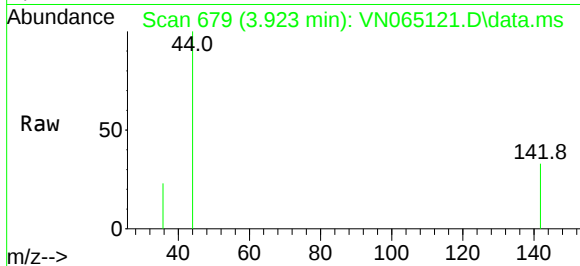
Tgt Ion: 94 Resp: 262
 Ion Ratio Lower Upper
 94 100
 96 68.0 75.4 113.0#



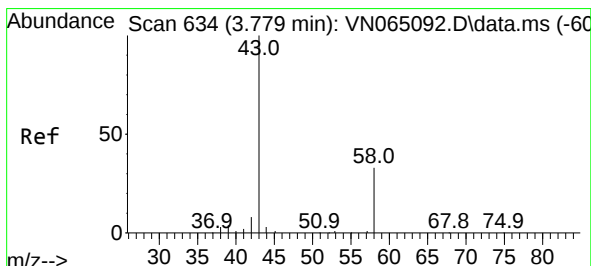
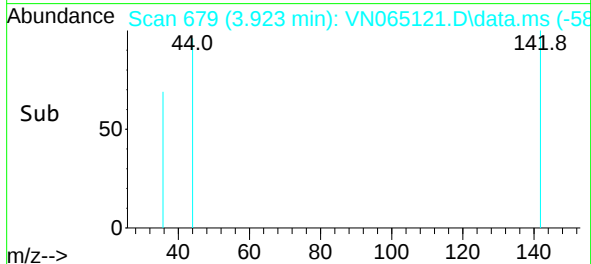


#10
Methyl Iodide
Concen: 4.02 ug/l
RT: 3.923 min Scan# 679
Delta R.T. 0.009 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12

Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6141-121120

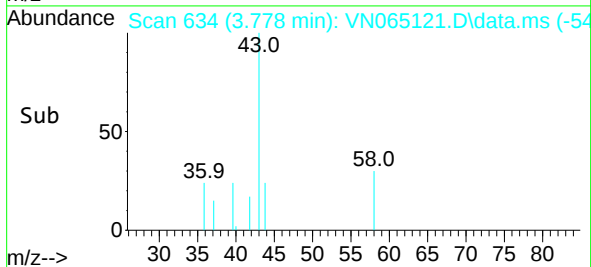
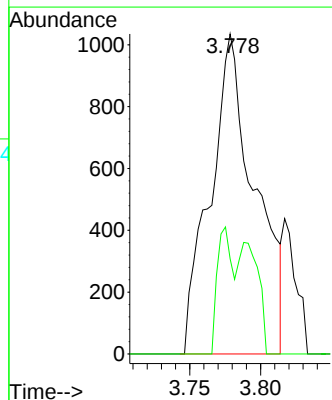
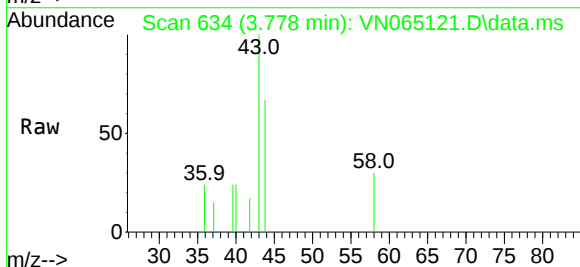


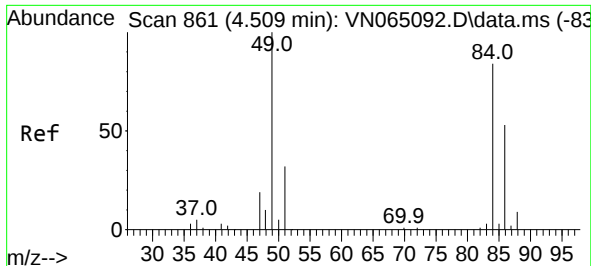
Tgt Ion:142 Resp: 294
Ion Ratio Lower Upper
142 100
127 0.0 35.0 52.6#
141 0.0 11.8 17.6#



#16
Acetone
Concen: 2.09 ug/l
RT: 3.778 min Scan# 634
Delta R.T. -0.001 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12

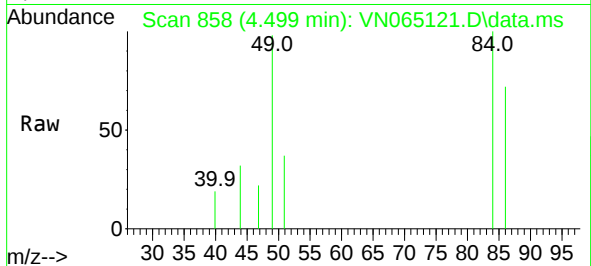
Tgt Ion: 43 Resp: 2263
Ion Ratio Lower Upper
43 100
58 29.8 25.7 38.5





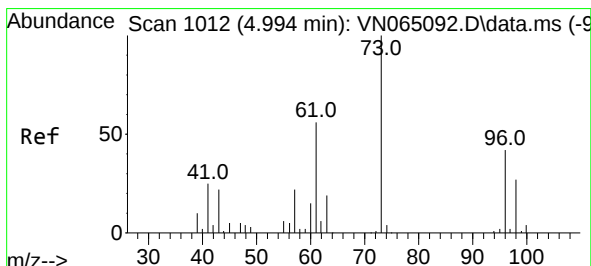
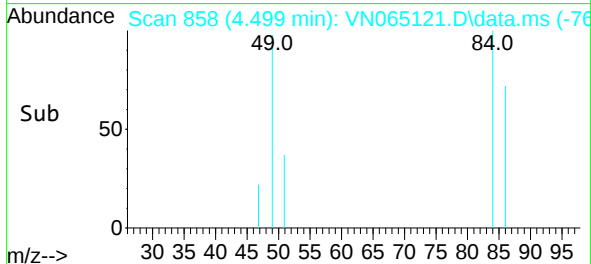
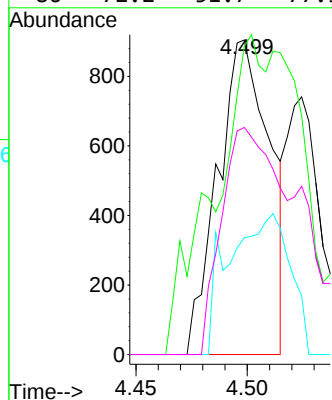
#20
Methylene Chloride
Concen: Below Cal
RT: 4.499 min Scan# 858
Delta R.T. -0.010 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12

Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6141-121120



Tgt Ion: 84 Resp: 1463

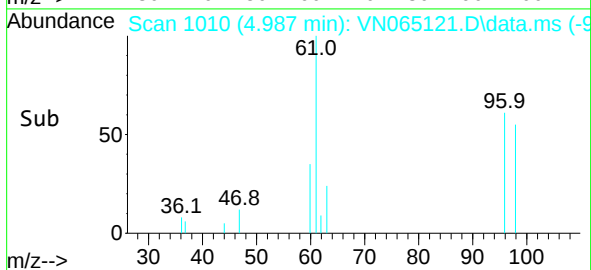
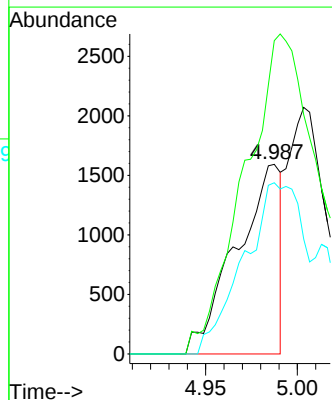
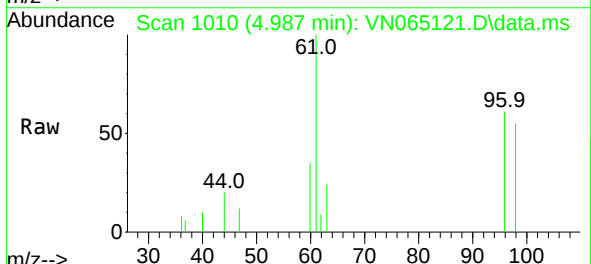
Ion	Ratio	Lower	Upper
84	100		
49	61.9	93.4	140.0#
51	37.1	28.2	42.4
86	72.2	51.7	77.5

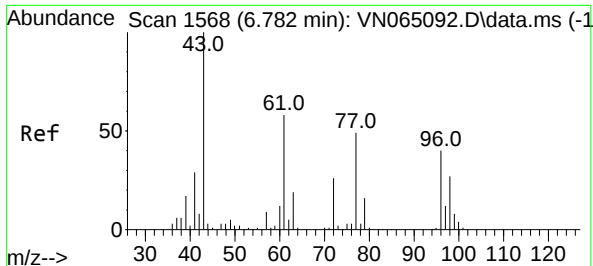


#21
trans-1,2-Dichloroethene
Concen: 1.09 ug/l
RT: 4.987 min Scan# 1010
Delta R.T. -0.007 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12

Tgt Ion: 96 Resp: 2686

Ion	Ratio	Lower	Upper
96	100		
61	165.2	108.4	162.6#
98	90.3	51.3	76.9#



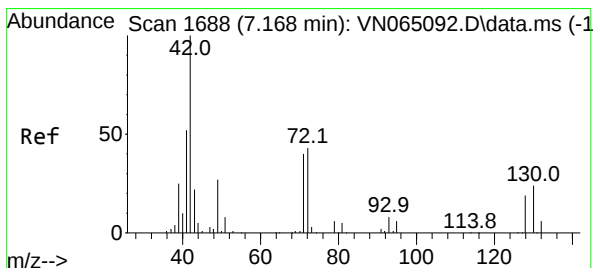
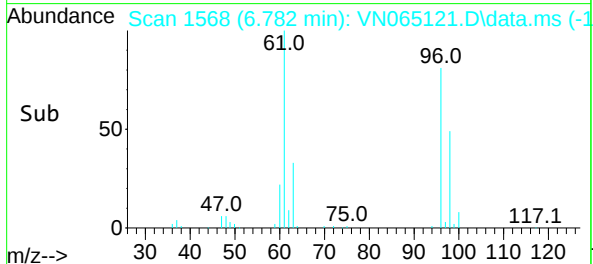
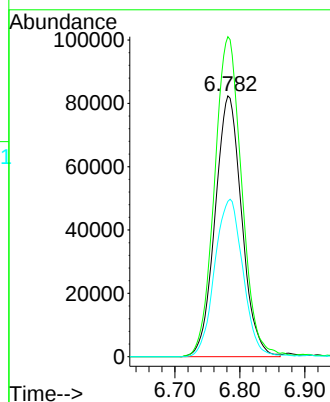
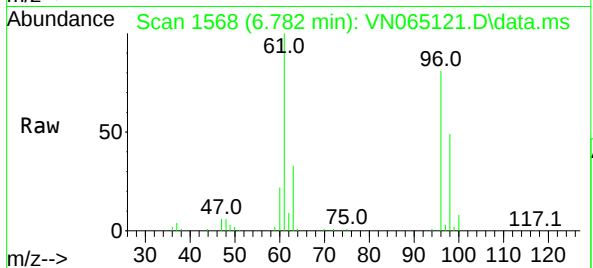


#27

cis-1,2-Dichloroethene
Concen: 84.94 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12

Instrument :
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ClientSampleId :
TU032-32-6141-121120

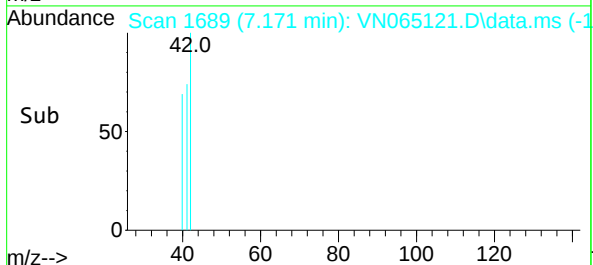
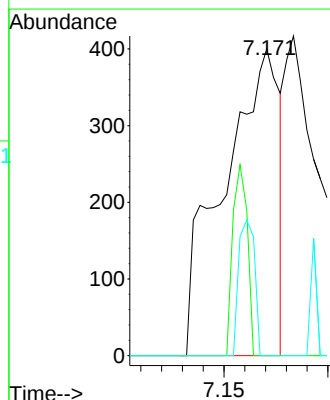
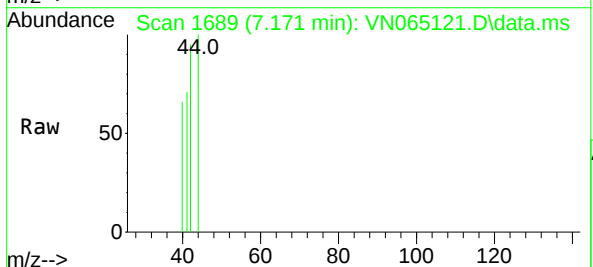
Tgt Ion:	96	Resp:	234437
Ion	Ratio	Lower	Upper
96	100		
61	125.5	0.0	285.8
98	64.1	0.0	130.6

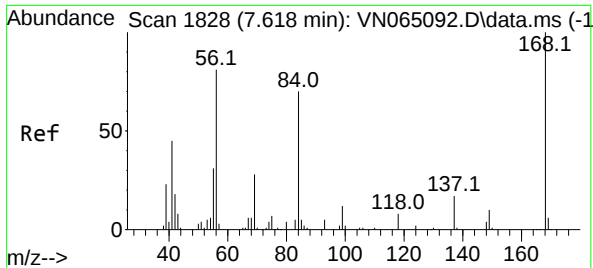


#29

Tetrahydrofuran
Concen: 0.87 ug/l
RT: 7.171 min Scan# 1689
Delta R.T. 0.003 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12

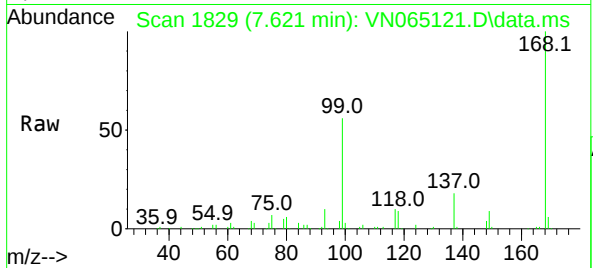
Tgt Ion:	42	Resp:	745
Ion	Ratio	Lower	Upper
42	100		
72	16.2	36.6	54.8#
71	12.6	33.6	50.4#



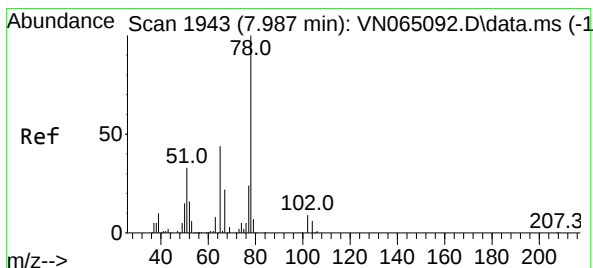
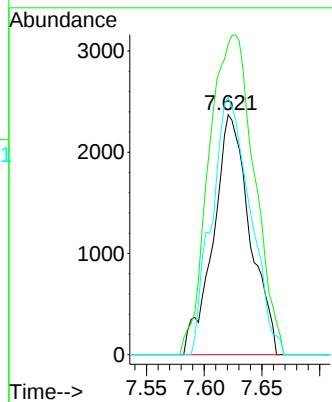
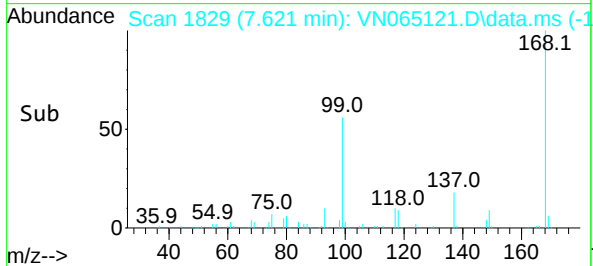


#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.003 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12

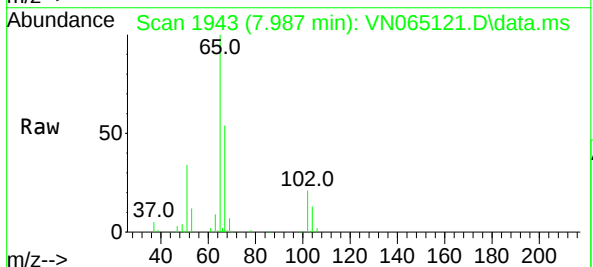
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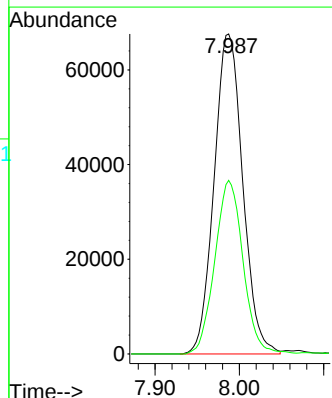
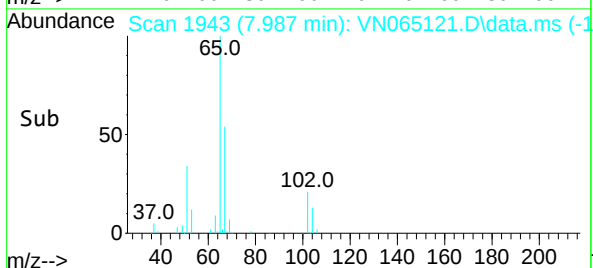
Tgt Ion: 56 Resp: 5229
Ion Ratio Lower Upper
56 100
69 129.4 27.5 41.3#
84 107.3 73.9 110.9

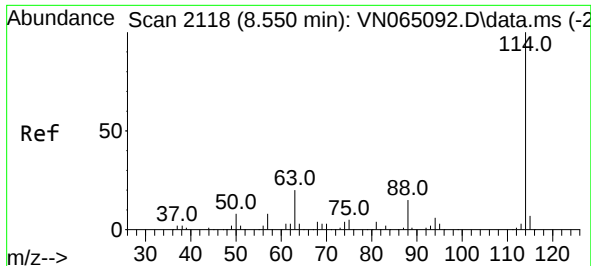


#33
1,2-Dichloroethane-d4
Concen: 54.78 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12



Tgt Ion: 65 Resp: 159536
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.550 min Scan# 2118

Delta R.T. -0.000 min

Lab File: VN065121.D

Acq: 15 Dec 2020 00:12

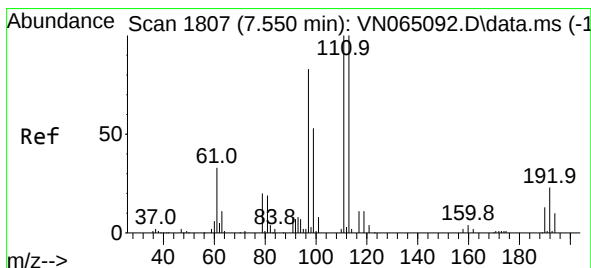
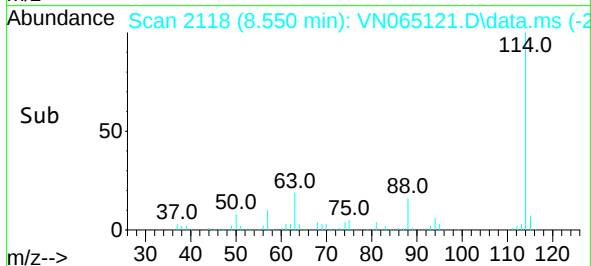
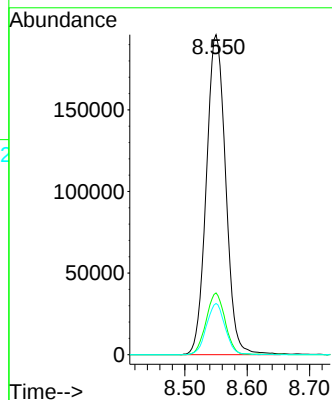
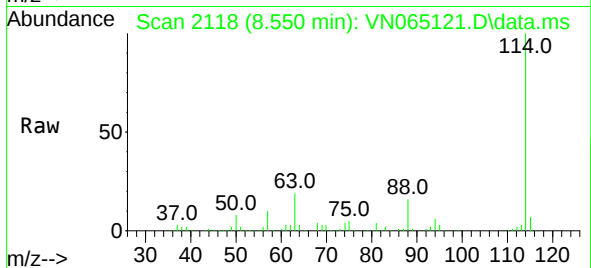
Tgt Ion:114 Resp: 422432

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.52 ug/l

RT: 7.550 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN065121.D

Acq: 15 Dec 2020 00:12

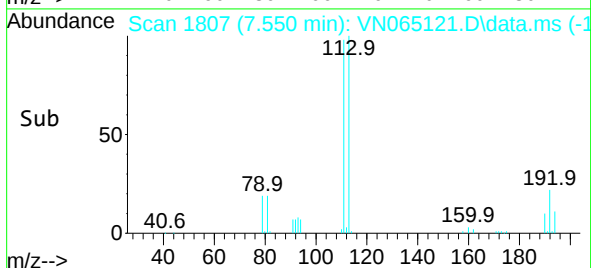
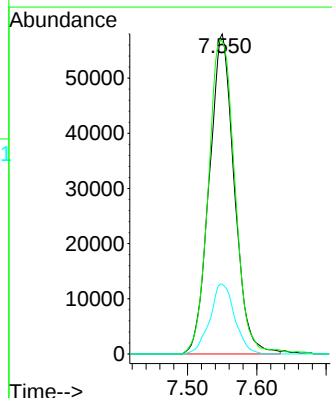
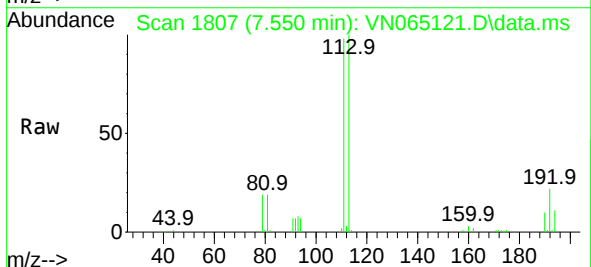
Tgt Ion:113 Resp: 145422

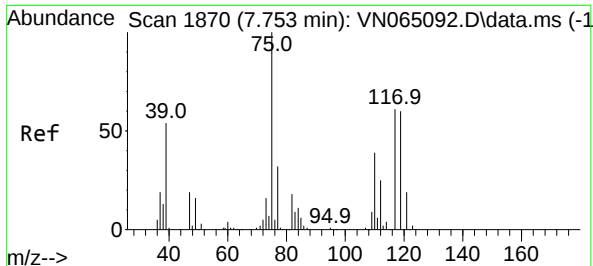
Ion Ratio Lower Upper

113 100

111 103.3 81.6 122.4

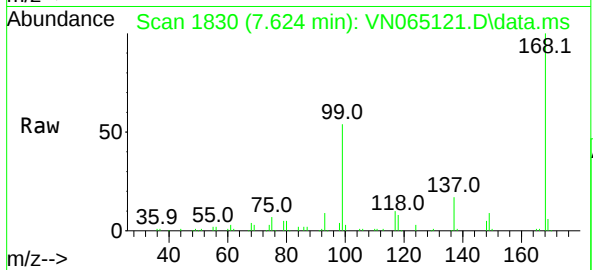
192 21.7 16.2 24.2



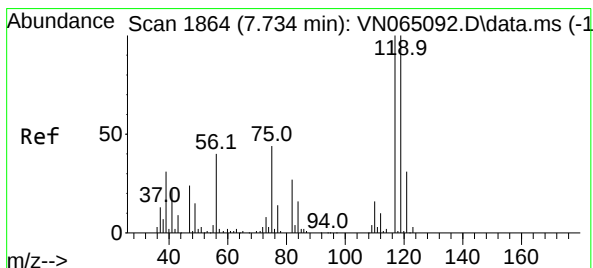
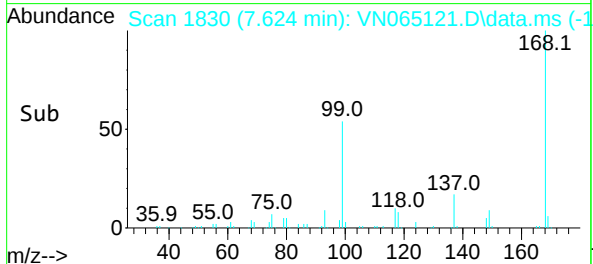
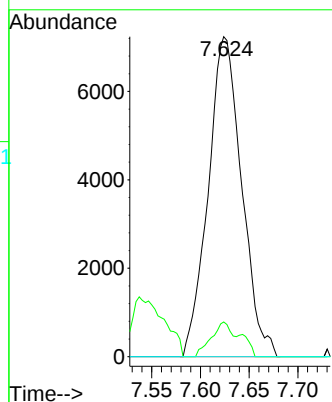


#36
1,1-Dichloropropene
Concen: 4.29 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12

Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6141-121120

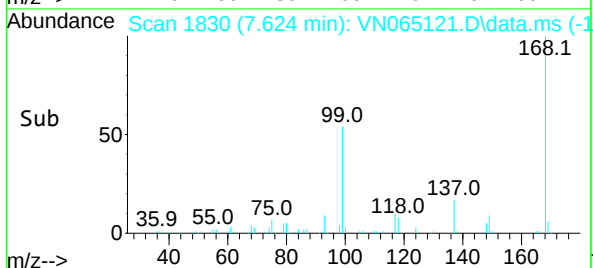
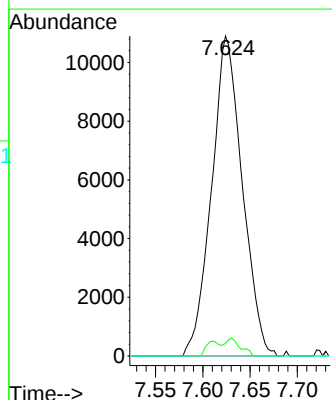
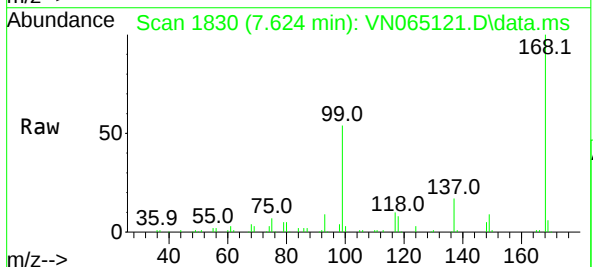


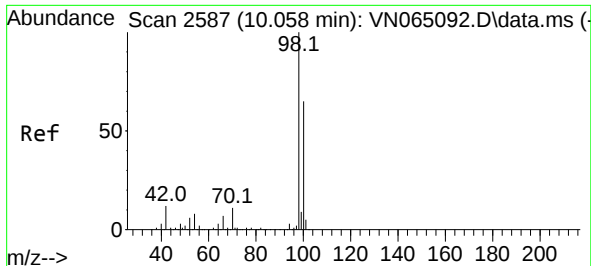
Tgt Ion: 75 Resp: 17288
Ion Ratio Lower Upper
75 100
110 6.9 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.29 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.110 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12

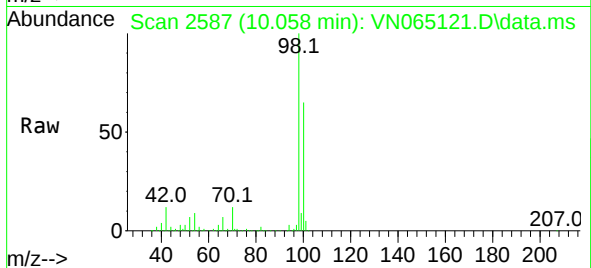
Tgt Ion: 117 Resp: 24601
Ion Ratio Lower Upper
117 100
119 3.9 76.7 115.1#
121 0.0 25.4 38.2#



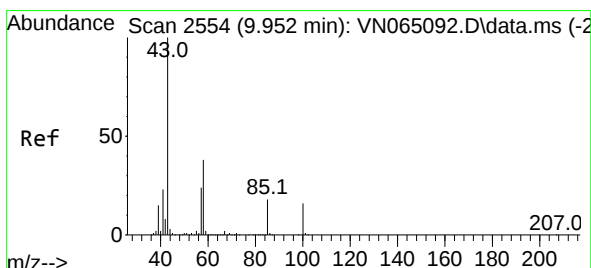
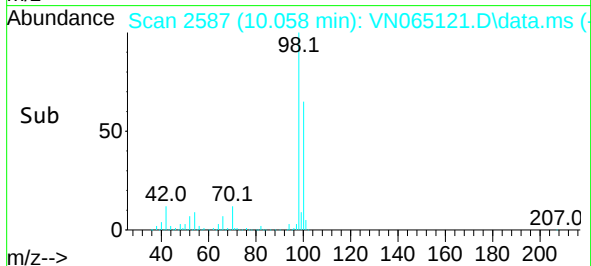
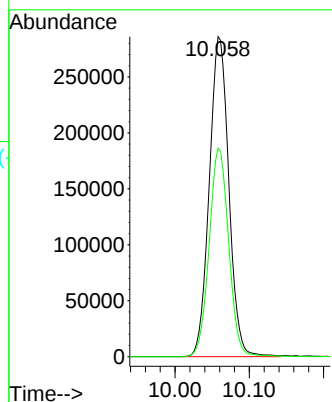


#50
Toluene-d8
Concen: 50.27 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12

Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6141-121120

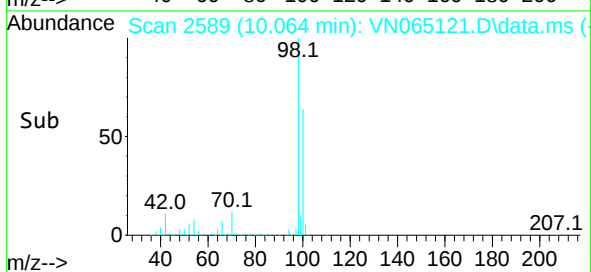
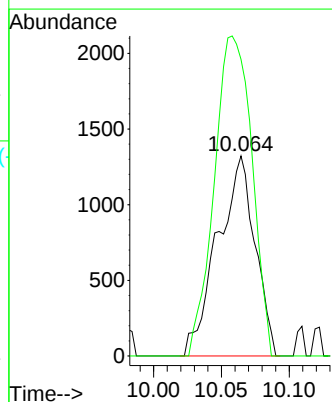
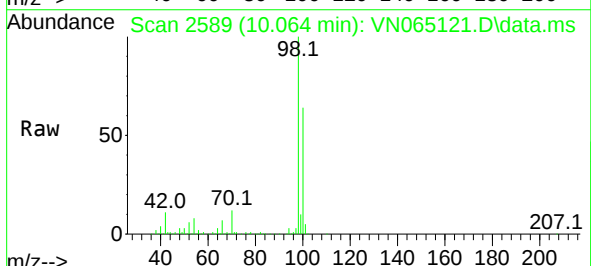


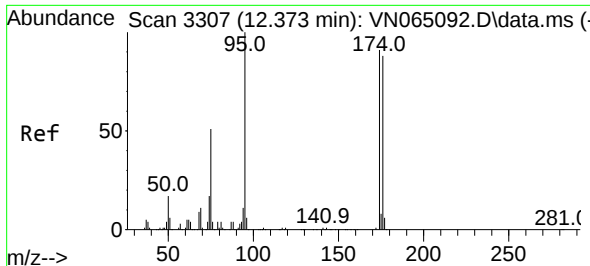
Tgt Ion: 98 Resp: 521984
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.77 ug/l
RT: 10.064 min Scan# 2589
Delta R.T. 0.112 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12

Tgt Ion: 43 Resp: 2538
Ion Ratio Lower Upper
43 100
58 161.1 32.4 48.6#

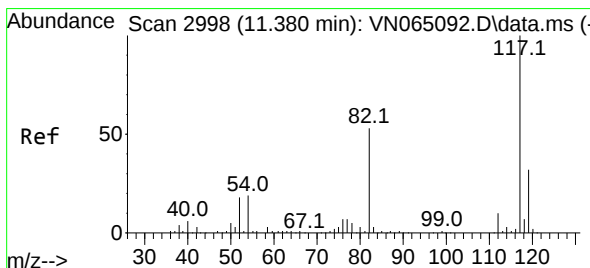
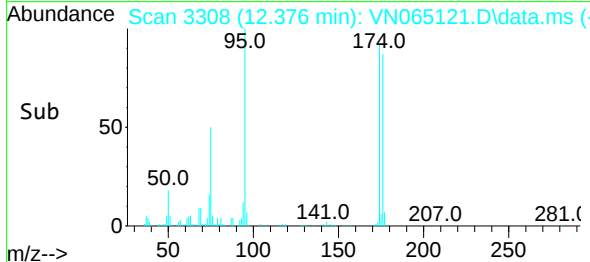
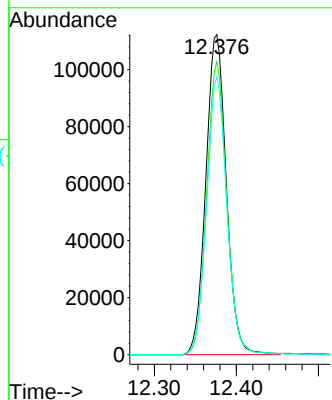
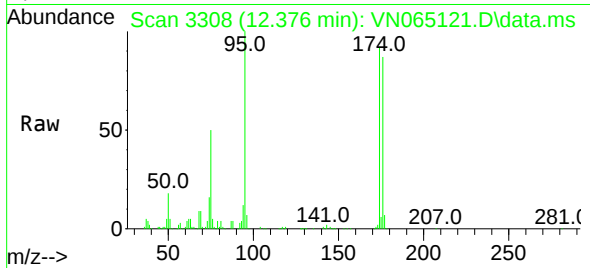




#62
4-Bromofluorobenzene
Concen: 54.56 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12

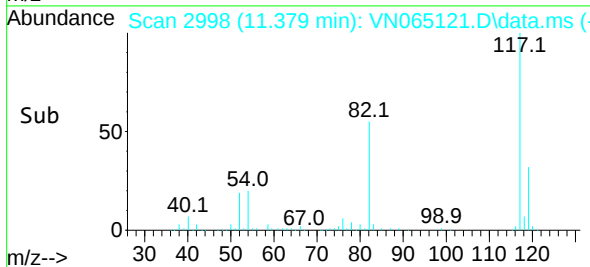
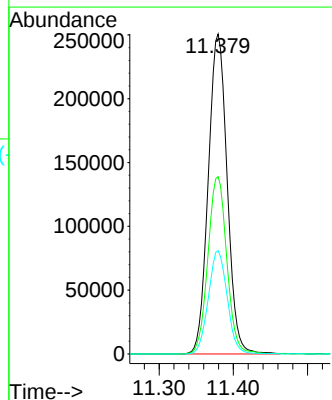
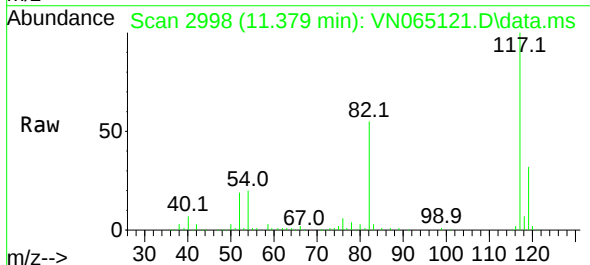
Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6141-121120

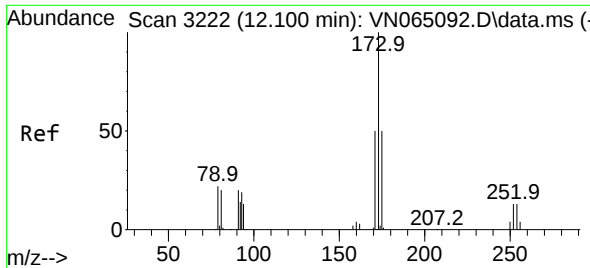
Tgt Ion:	95	Resp:	195085
Ion Ratio	Lower	Upper	
95	100		
174	89.8	0.0	160.4
176	85.2	0.0	158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12

Tgt Ion:	117	Resp:	442773
Ion Ratio	Lower	Upper	
117	100		
82	55.5	44.2	66.2
119	32.3	25.8	38.6

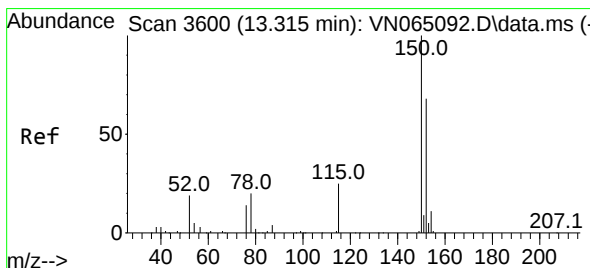
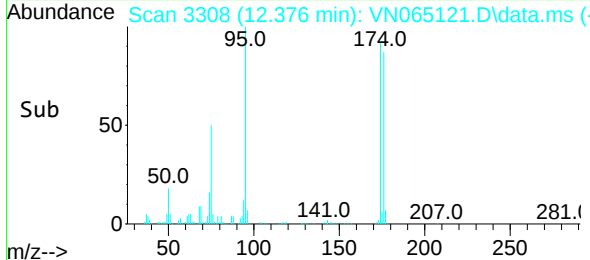
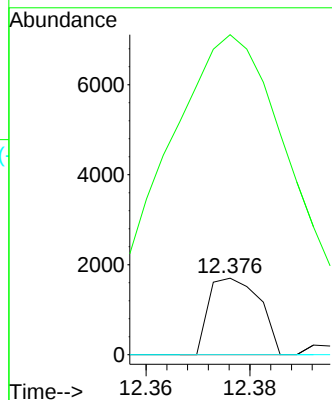
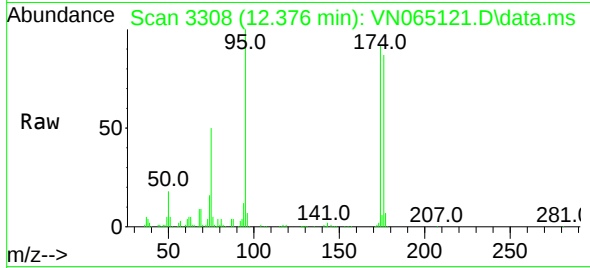




#71
Bromoform
Concen: 0.41 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12

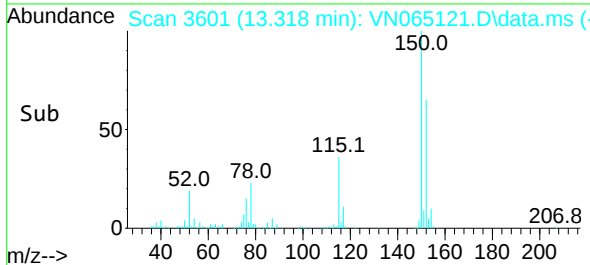
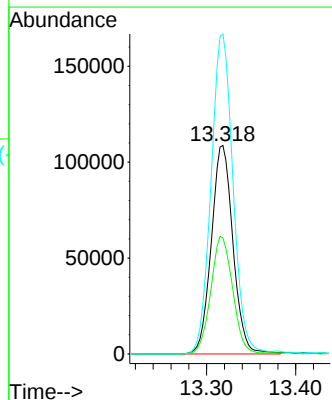
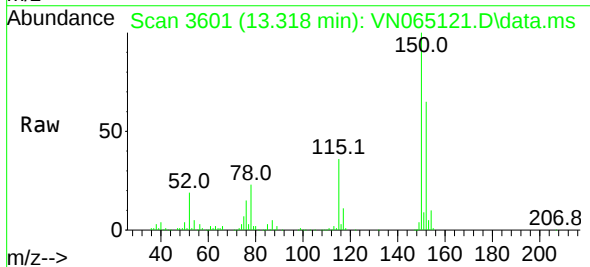
Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6141-121120

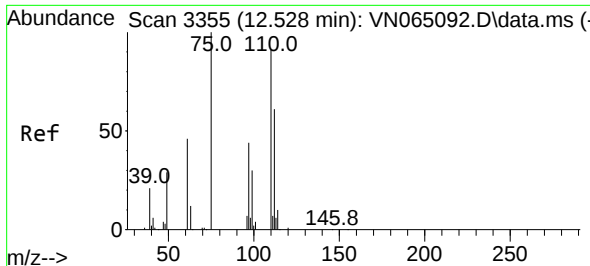
Tgt Ion:173 Resp: 1156
Ion Ratio Lower Upper
173 100
175 909.9 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.003 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12

Tgt Ion:152 Resp: 183505
Ion Ratio Lower Upper
152 100
115 57.0 29.7 89.1
150 155.2 0.0 350.6

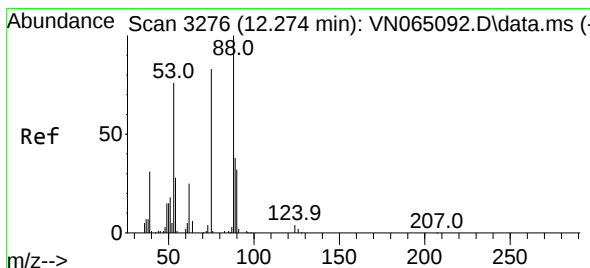
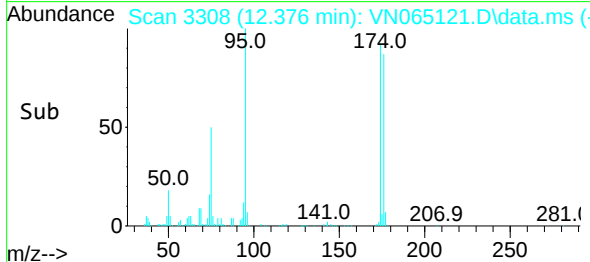
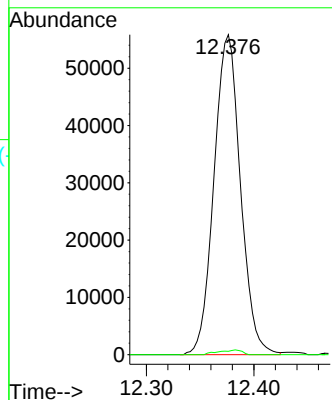
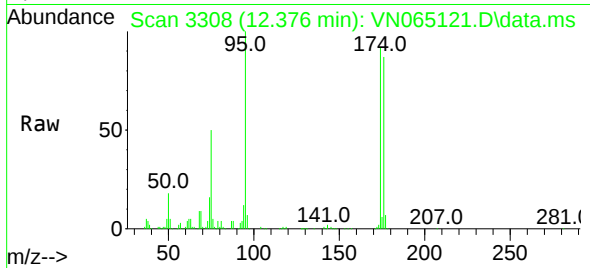




#76
1,2,3-Trichloropropane
Concen: 29.01 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.152 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12

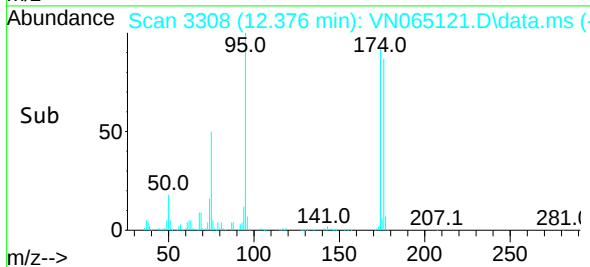
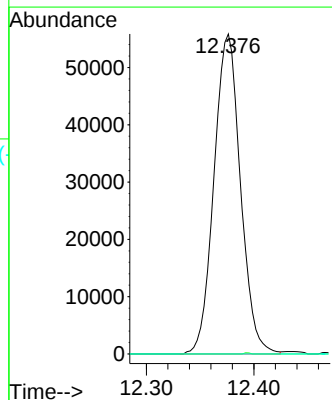
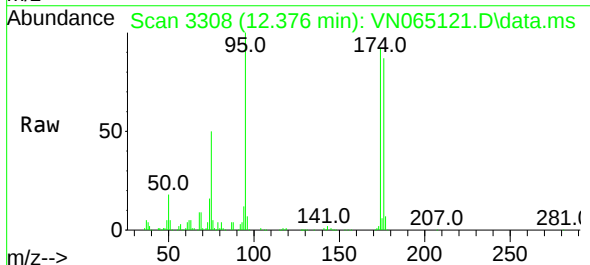
Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6141-121120

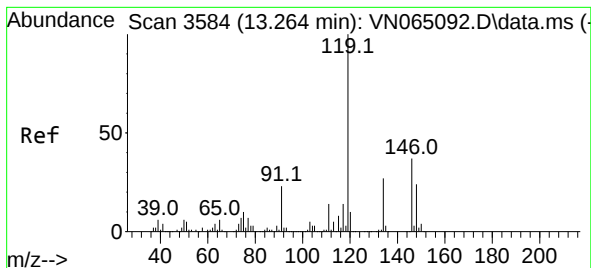
Tgt Ion: 75 Resp: 95534
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.73 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.102 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12

Tgt Ion: 75 Resp: 95534
Ion Ratio Lower Upper
75 100
53 0.1 67.0 100.4#
89 0.0 39.6 59.4#

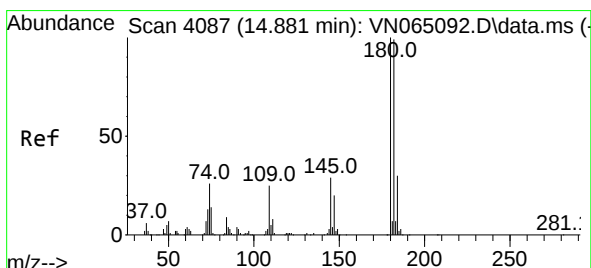
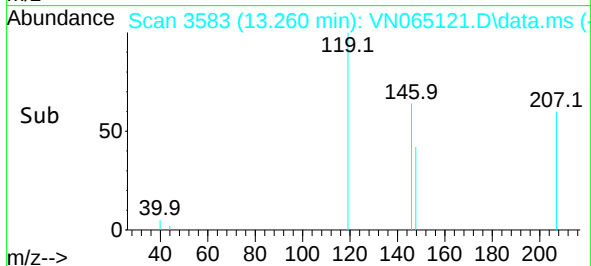
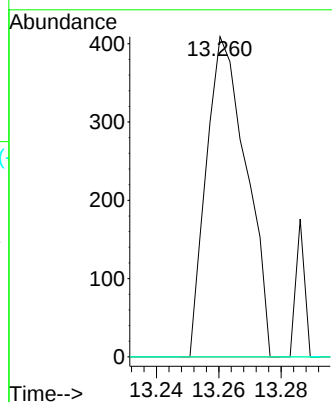
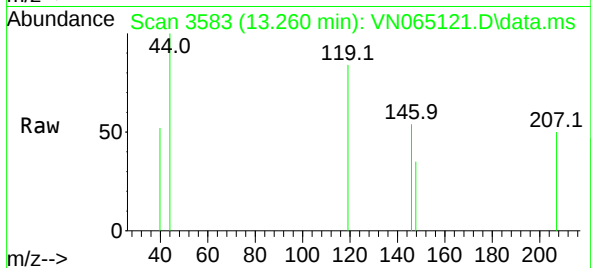




#86
p-Isopropyltoluene
Concen: 1.10 ug/l
RT: 13.260 min Scan# 3583
Delta R.T. -0.004 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12

Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6141-121120

Tgt Ion:119 Resp: 365
Ion Ratio Lower Upper
119 100
134 0.0 13.1 39.1#
91 0.0 11.5 34.5#



#93
1,2,4-Trichlorobenzene
Concen: 3.75 ug/l
RT: 14.884 min Scan# 4088
Delta R.T. 0.003 min
Lab File: VN065121.D
Acq: 15 Dec 2020 00:12

Tgt Ion:180 Resp: 63
Ion Ratio Lower Upper
180 100
182 0.0 47.6 142.9#
145 0.0 15.3 45.8#

